

PROJECT SPONSOR



(541) 766-6916

MAINTENANCE PRIMARILY INCLUDES REMOVAL OF TRASH AND DEBRIS FROM THE URBAN STREAMS, AND REMOVAL OF VEGETATION FROM DESIGNATED AREAS OF THE STREAMS. THIS PLAN SET IS ADAPTABLE FOR USE IN RETAINING CONTRACTORS FOR STREAM MAINTENANCE.

LIDAR DATA SET:

HORIZONTAL PROJECTION: OREGON STATE PLANE NORTH
HORIZ DATUM: NAD 83 UNITS: INT FT
VERT DATUM: NAVD 88 UNITS: INT FT

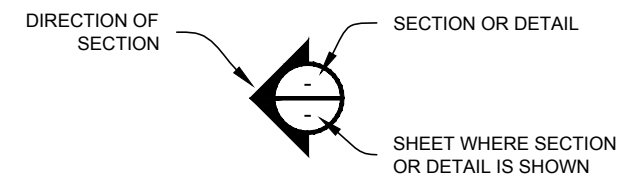
LIDAR COLLECTED: 2007-2012

RDG WORKS EXCLUSIVELY IN THE RIVER ENVIRONMENT AND EMPLOYS THE MOST CURRENT AND ACCEPTED PRACTICES AVAILABLE FOR PLANNING AND DESIGN OF RESTORATION AND CHANNEL ENHANCEMENT PROJECTS. ANALYSIS AND DESIGN OF PROPOSED STREAM RESTORATION WORK RELIES ON THESE CURRENT BEST PRACTICES. ALL WORK IS SUPERVISED BY A REGISTERED PROFESSIONAL CIVIL ENGINEER IN THE STATE OF OREGON WITH EXPERIENCE AND EXPERTISE IN THE WORK BEING PROPOSED FOR THIS PROJECT.

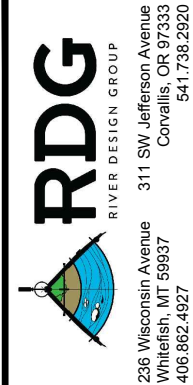
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- 1.0 COVER SHEET AND NOTES
- 2.0 NORTH CORVALLIS OVERVIEW
- 2.1 SOUTH CORVALLIS OVERVIEW
- 3.0 FRASIER AND JACKSON CREEK MAINTENANCE REACHES
- 3.1 VILLAGE GREEN MAINTENANCE REACHES
- 3.2 SEQUOIA CREEK MAINTENANCE REACHES
- 3.3 DIXON CREEK MAINTENANCE REACHES
- 3.4 OAK CREEK MAINTENANCE REACHES
- 3.5 DUNAWI CREEK MAINTENANCE REACHES
- 3.6 MILL RACE MAINTENANCE REACHES
- 3.7 RYAN CREEK MAINTENANCE REACHES
- 4.0 STREAM MAINTENANCE DETAIL

**T.11S. AND T.12S., R.05W., WILLAMETTE MERIDIAN
BENTON COUNTY, OREGON
USGS QUADRANGLE: CORVALLIS, OR**



CROSS-SECTION SHEET REFERENCE



CORVALLIS URBAN STREAM MAINTENANCE

CORVALLIS, OR

NO.	DATE	BY	DESCRIPTION	CHK
0	7/7/2017	TF	PROPOSAL	CS

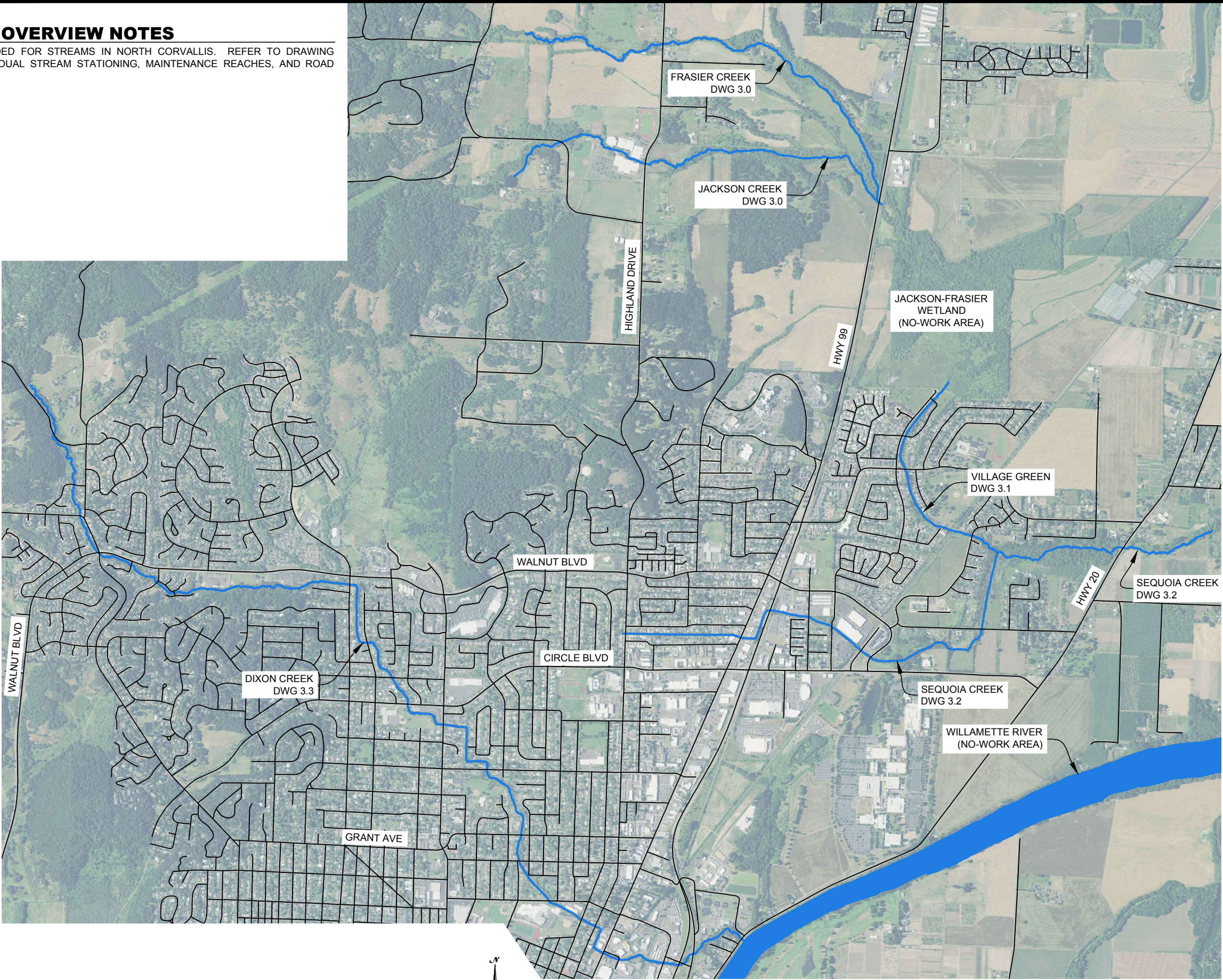
PROJECT NUMBER
RDG-17-022

DRAWING NUMBER
1.0

Drawing 1 of 12

OVERVIEW NOTES

INDEX AND OVERVIEW PROVIDED FOR STREAMS IN NORTH CORVALLIS. REFER TO DRAWING SHEETS 3.0 TO 3.7 FOR INDIVIDUAL STREAM STATIONING, MAINTENANCE REACHES, AND ROAD ACCESS TO WORK AREA.



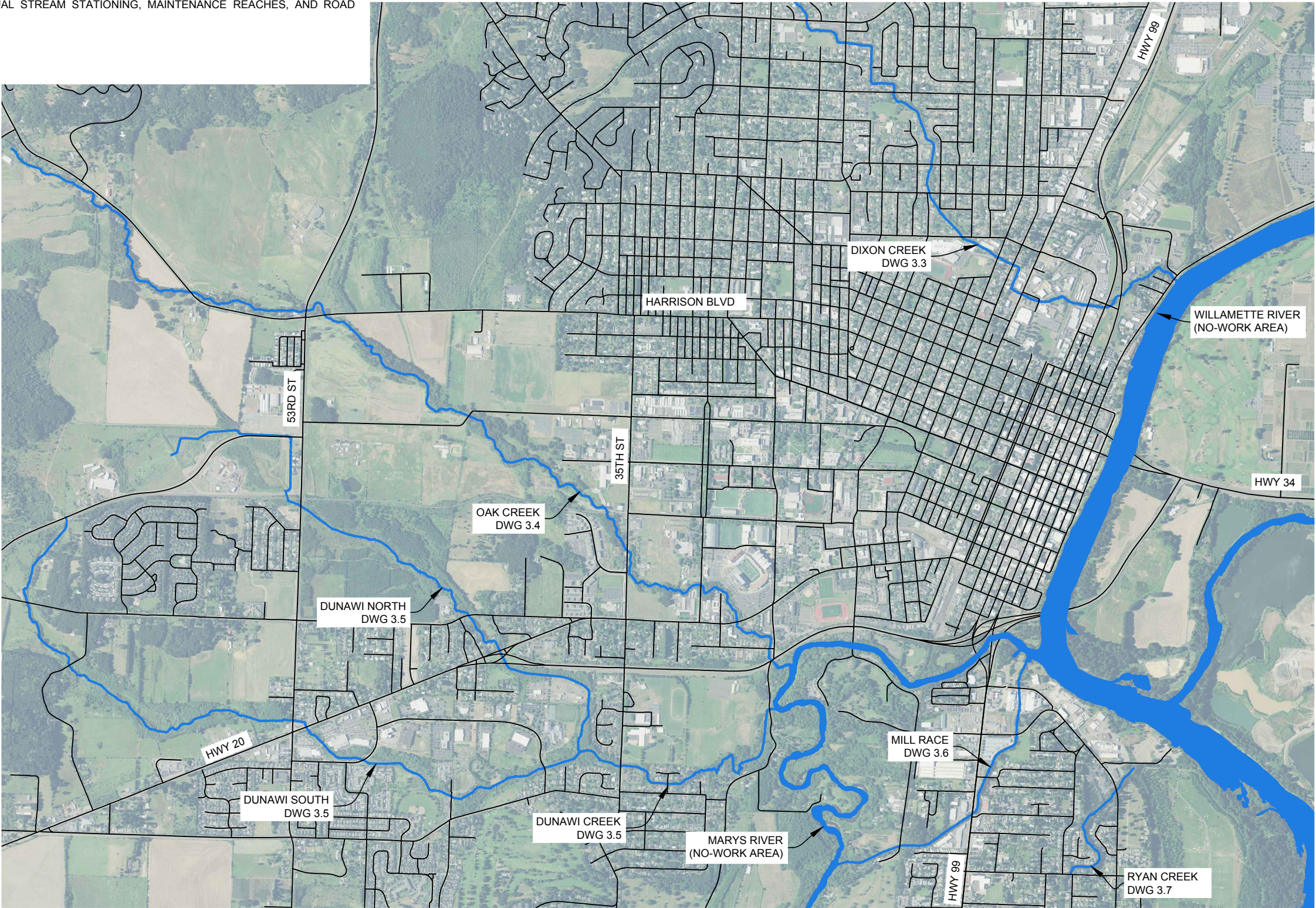
1 NORTH CORVALLIS OVERVIEW
1" = 2000'

**NORTH CORVALLIS
OVERVIEW**
CORVALLIS URBAN STREAM MAINTENANCE
CORVALLIS, OR

NO.	DATE	BY	DESCRIPTION	CHK
0	7/7/2017	TF	PROPOSAL	CS
PROJECT NUMBER RDG-17-022				
DRAWING NUMBER 2.0				
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OVERVIEW NOTES

INDEX AND OVERVIEW PROVIDED FOR STREAMS IN SOUTH CORVALLIS. REFER TO DRAWING SHEETS 3.0 TO 3.7 FOR INDIVIDUAL STREAM STATIONING, MAINTENANCE REACHES, AND ROAD ACCESS TO WORK AREA.



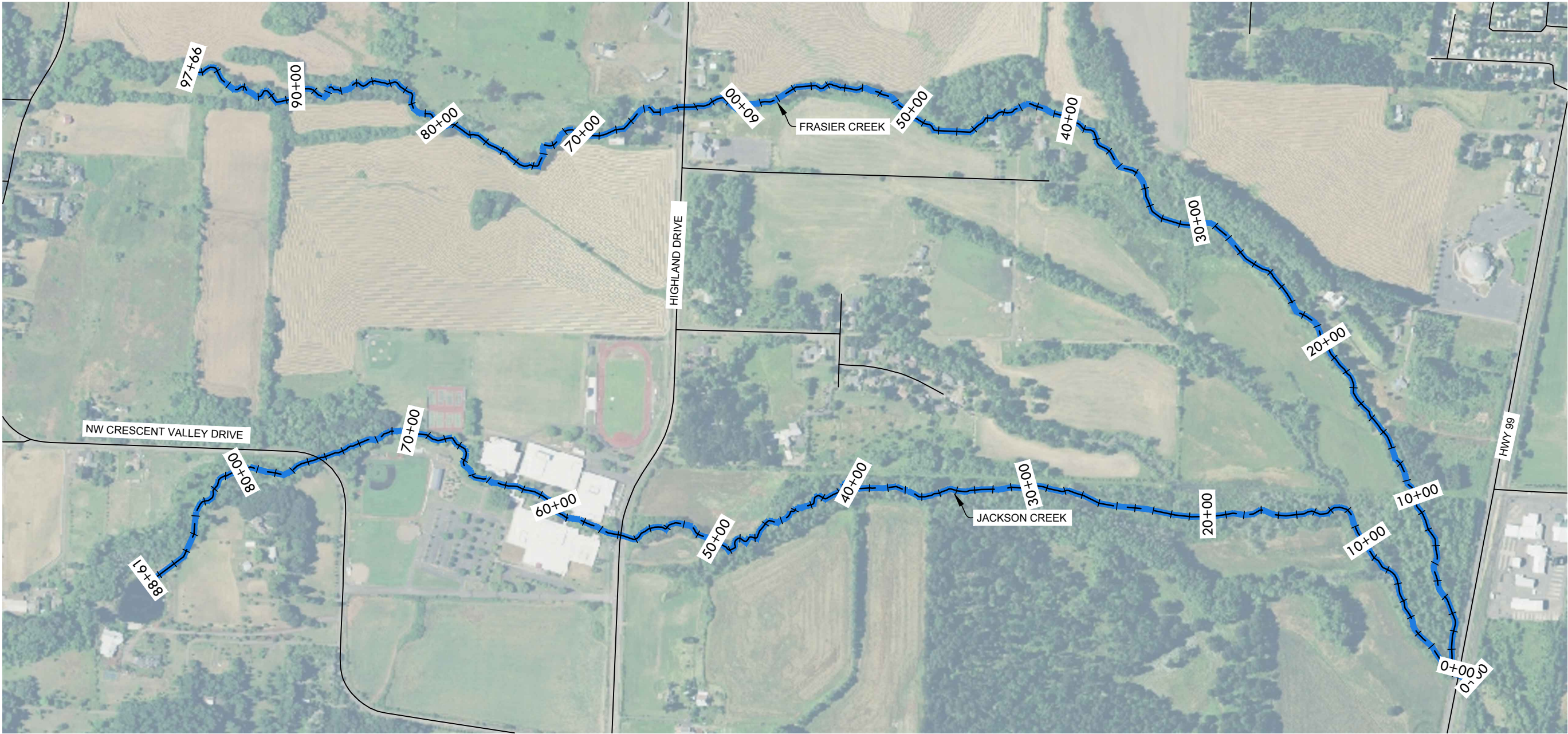
1 SOUTH CORVALLIS OVERVIEW
1" = 2000'



**SOUTH CORVALLIS
OVERVIEW**
CORVALLIS URBAN STREAM MAINTENANCE
CORVALLIS, OR

NO.	DATE	BY	DESCRIPTION	CHK
0	7/7/2017	TF	PROPOSAL	CS

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STREAM MAINTENANCE REACHES

STREAM	REACH
FRASIER CREEK	STA 0+00 TO 25+20
FRASIER CREEK	STA 25+20 TO 59+00
FRASIER CREEK	STA 59+00 TO 95+13
JACKSON CREEK	STA 0+00 TO 22+20
JACKSON CREEK	STA 22+20 TO 46+90
JACKSON CREEK	STA 46+90 TO 84+10

* SEE STREAM MAINTENANCE SCHEDULE ON SHEET 4.0 FOR MAINTENANCE LIMITS FOR SPECIFIC STREAM REACH.

1

FRASIER AND JACKSON CREEK PLAN VIEW

1" = 600'



FRASIER AND JACKSON CREEK
MAINTENANCE REACHES
CORVALLIS URBAN STREAM MAINTENANCE
CORVALLIS, OR

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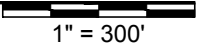


STREAM MAINTENANCE REACHES

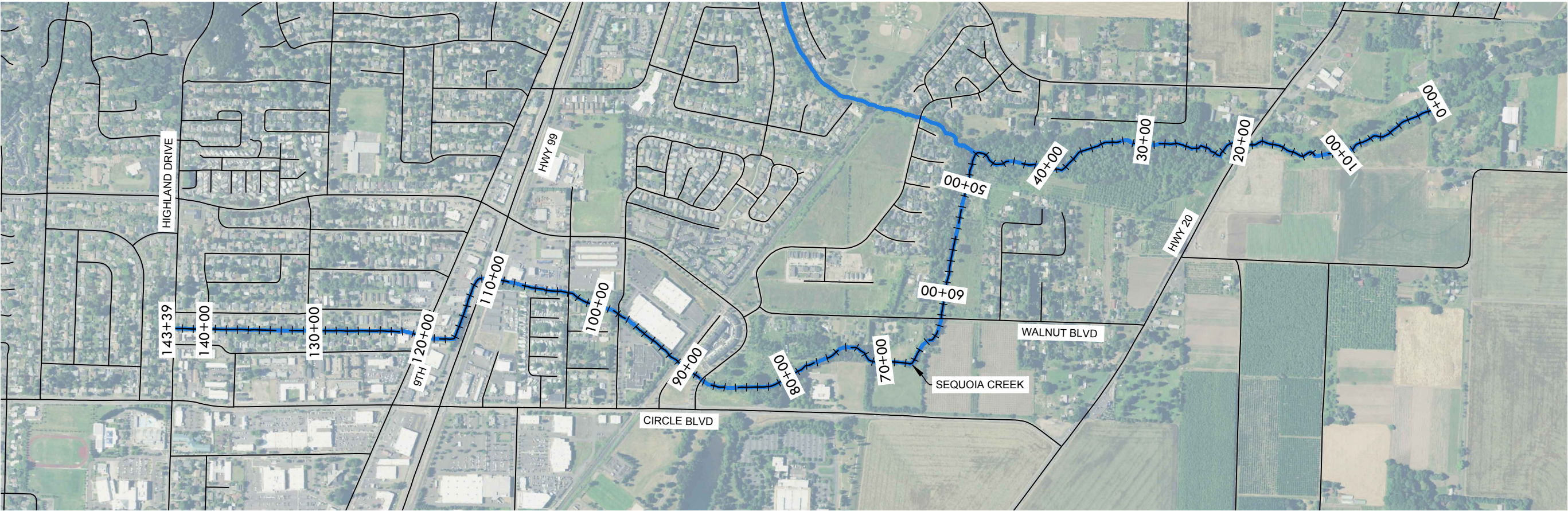
STREAM	REACH
VILLAGE GREEN	STA 0+00 TO 47+45

* SEE STREAM MAINTENANCE SCHEDULE ON SHEET 4.0 FOR MAINTENANCE LIMITS FOR SPECIFIC STREAM REACH.

1 VILLAGE GREEN PLAN VIEW



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1

SEQUOIA CREEK PLAN VIEW

1" = 1000'



STREAM MAINTENANCE REACHES

STREAM	REACH
SEQUOIA CREEK	STA 0+00 TO 64+70
SEQUOIA CREEK	STA 64+70 TO 65+55
SEQUOIA CREEK	STA 65+55 TO 142+30

* SEE STREAM MAINTENANCE SCHEDULE ON SHEET 4.0 FOR MAINTENANCE LIMITS FOR SPECIFIC STREAM REACH.

SEQUOIA CREEK
MAINTENANCE REACHES
CORVALLIS URBAN STREAM MAINTENANCE
CORVALLIS, OR

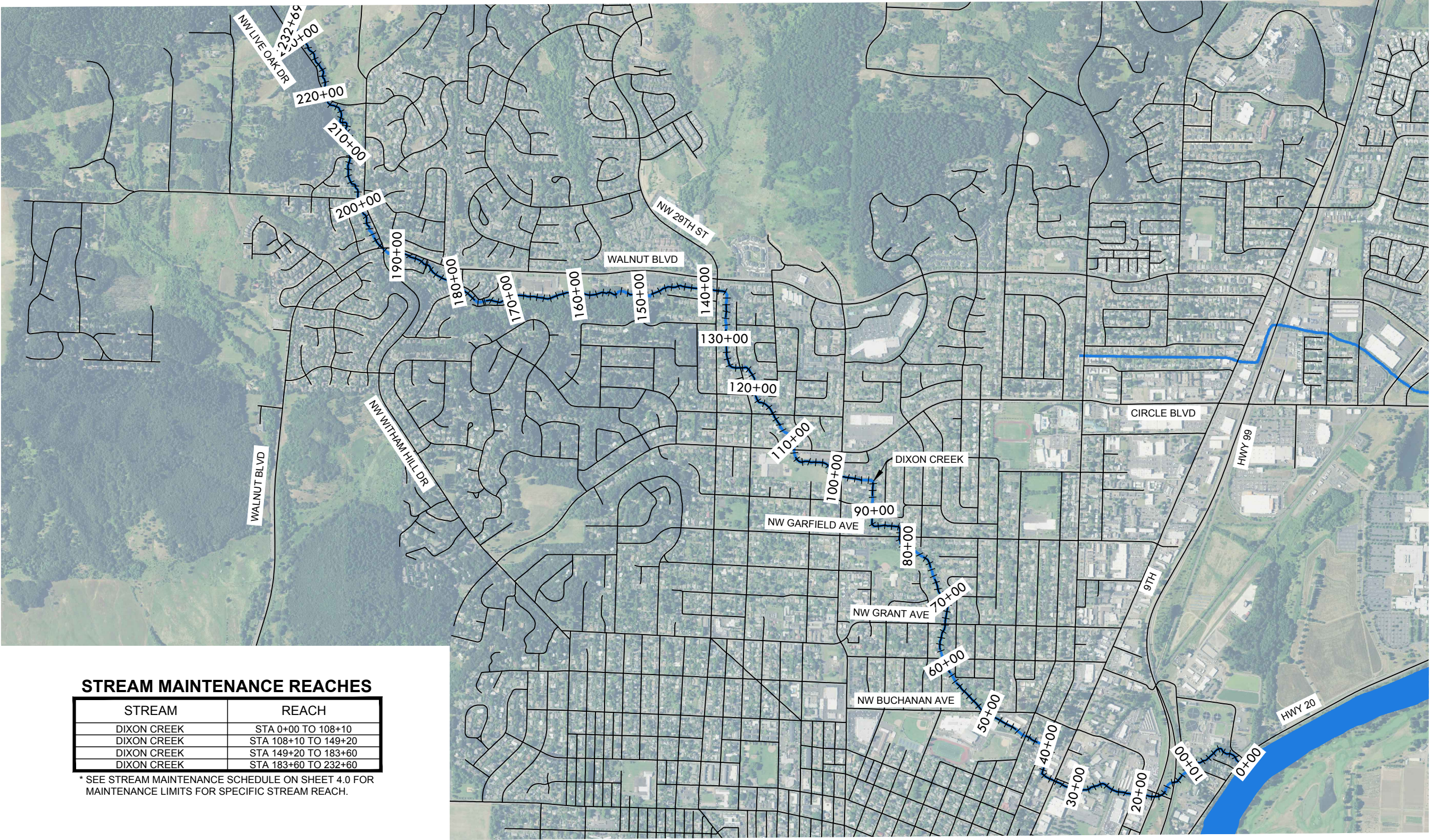
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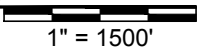
STREAM MAINTENANCE REACHES

STREAM	REACH
DIXON CREEK	STA 0+00 TO 108+10
DIXON CREEK	STA 108+10 TO 149+20
DIXON CREEK	STA 149+20 TO 183+60
DIXON CREEK	STA 183+60 TO 232+60

* SEE STREAM MAINTENANCE SCHEDULE ON SHEET 4.0 FOR MAINTENANCE LIMITS FOR SPECIFIC STREAM REACH.

1

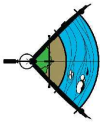
DIXON CREEK PLAN VIEW



**DIXON CREEK
MAINTENANCE REACHES**
CORVALLIS URBAN STREAM MAINTENANCE
CORVALLIS, OR

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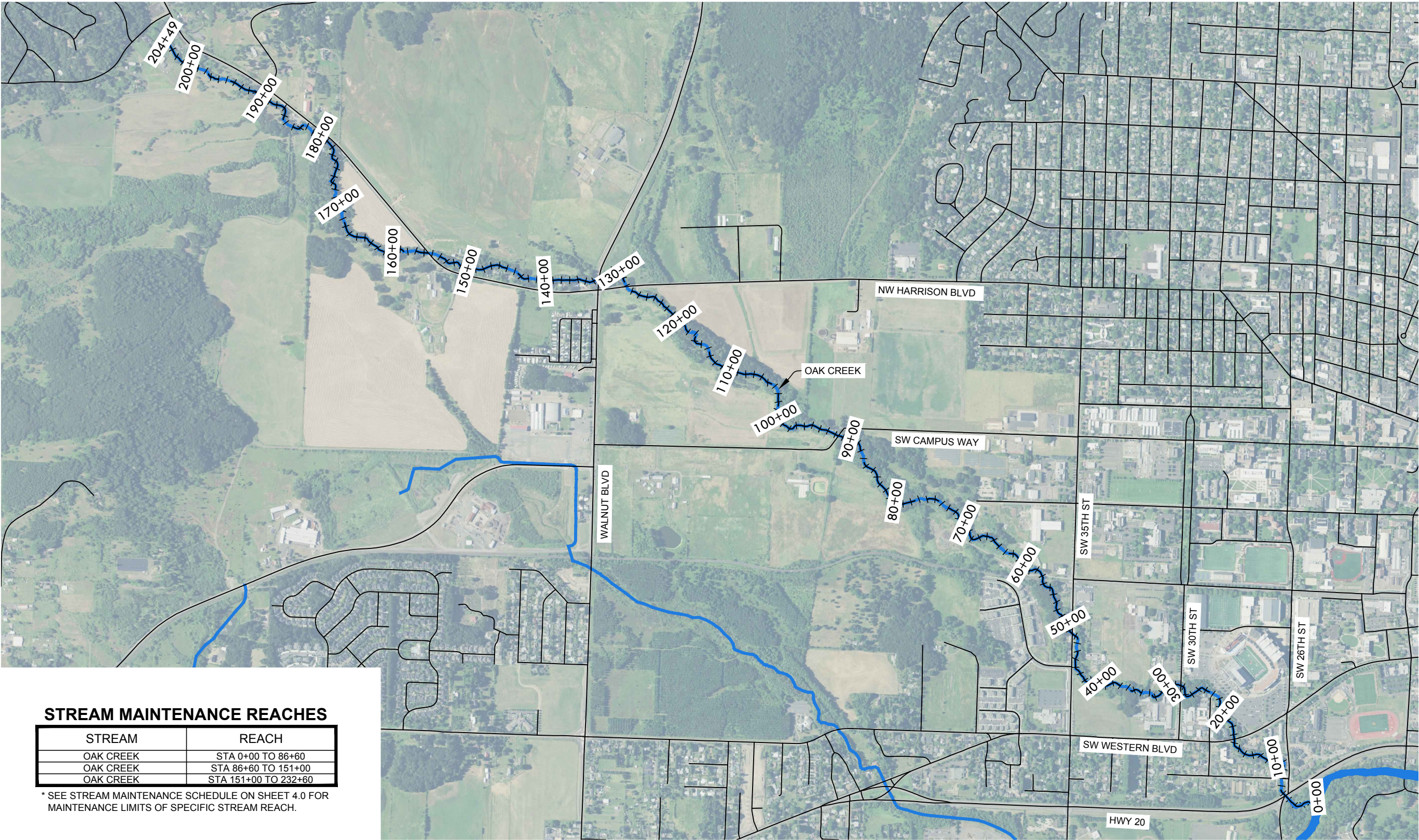


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STREAM MAINTENANCE REACHES

STREAM	REACH
OAK CREEK	STA 0+00 TO 86+60
OAK CREEK	STA 86+60 TO 151+00
OAK CREEK	STA 151+00 TO 232+60

* SEE STREAM MAINTENANCE SCHEDULE ON SHEET 4.0 FOR MAINTENANCE LIMITS OF SPECIFIC STREAM REACH.

1 OAK CREEK PLAN VIEW

1" = 1200'



**OAK CREEK
MAINTENANCE REACHES**
CORVALLIS URBAN STREAM MAINTENANCE
CORVALLIS, OR

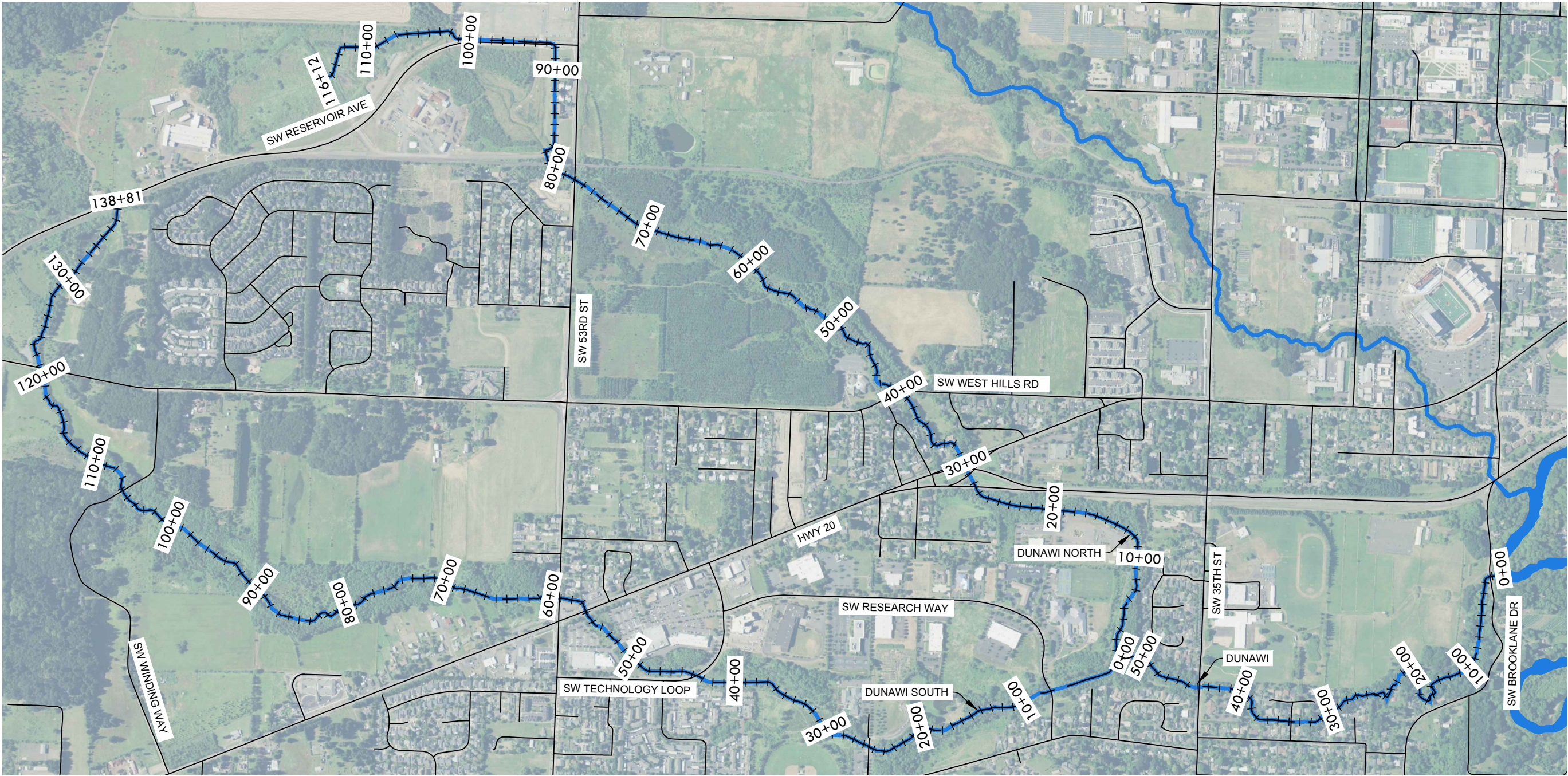
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STREAM MAINTENANCE REACHES

STREAM	REACH
DUNAWI NORTH	STA 0+00 TO 37+20
DUNAWI NORTH	STA 37+20 TO 116+00
DUNAWI	STA 0+00 TO 51+94
DUNAWI SOUTH	STA 0+00 TO 53+40
DUNAWI SOUTH	STA 53+40 TO 120+10
DUNAWI SOUTH	STA 120+10 TO 138+60

* SEE STREAM MAINTENANCE SCHEDULE ON SHEET 4.0 FOR MAINTENANCE LIMITS OF SPECIFIC STREAM REACH.

1 DUNAWI CREEK PLAN VIEW

1" = 1000'



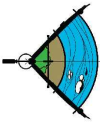
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RDG-17-022

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3.5

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DUNAWI CREEK
MAINTENANCE REACHES
CORVALLIS URBAN STREAM MAINTENANCE
CORVALLIS, OR

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1

MILL RACE PLAN VIEW

1" = 400'



STREAM MAINTENANCE REACHES

STREAM	REACH
MILL RACE	STA 0+00 TO 11+45
MILL RACE	STA 11+45 TO 32+30
MILL RACE	STA 32+30 TO 53+25
MILL RACE	STA 53+25 TO 58+05

* SEE STREAM MAINTENANCE SCHEDULE ON SHEET 4.0 FOR MAINTENANCE LIMITS OF SPECIFIC STREAM REACH.

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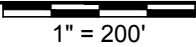


STREAM MAINTENANCE REACHES

STREAM	REACH
RYAN CREEK	STA 0+00 TO 5+90
RYAN CREEK	STA 5+90 TO 27+20

* SEE STREAM MAINTENANCE SCHEDULE ON SHEET 4.0 FOR MAINTENANCE LIMITS OF SPECIFIC STREAM REACH.

1 RYAN CREEK PLAN VIEW



NO.	DATE	BY	DESCRIPTION	CHK
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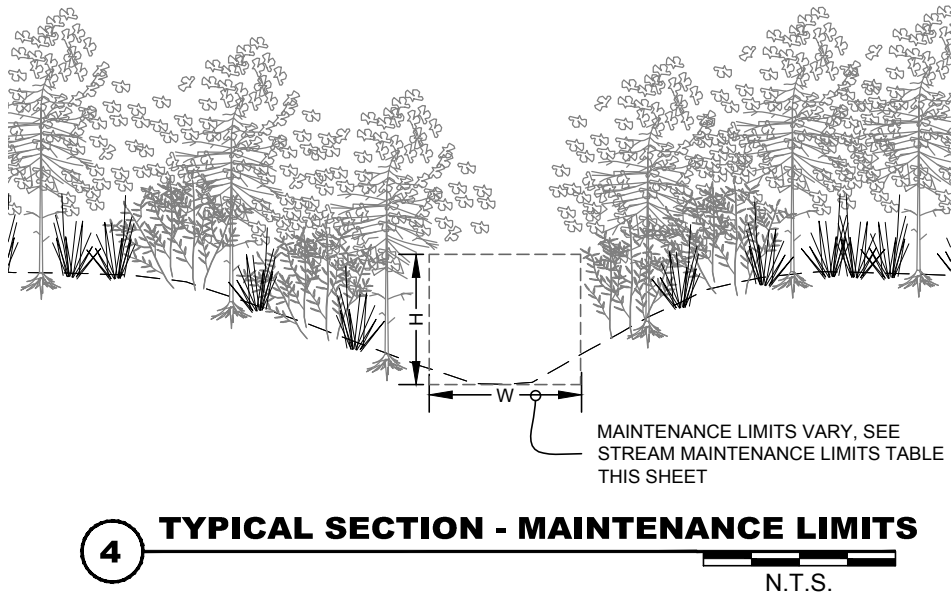
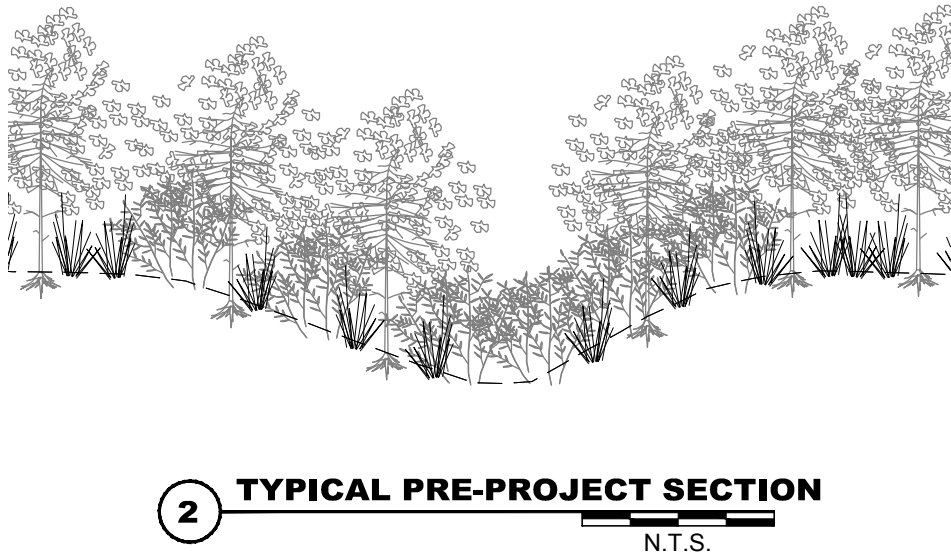
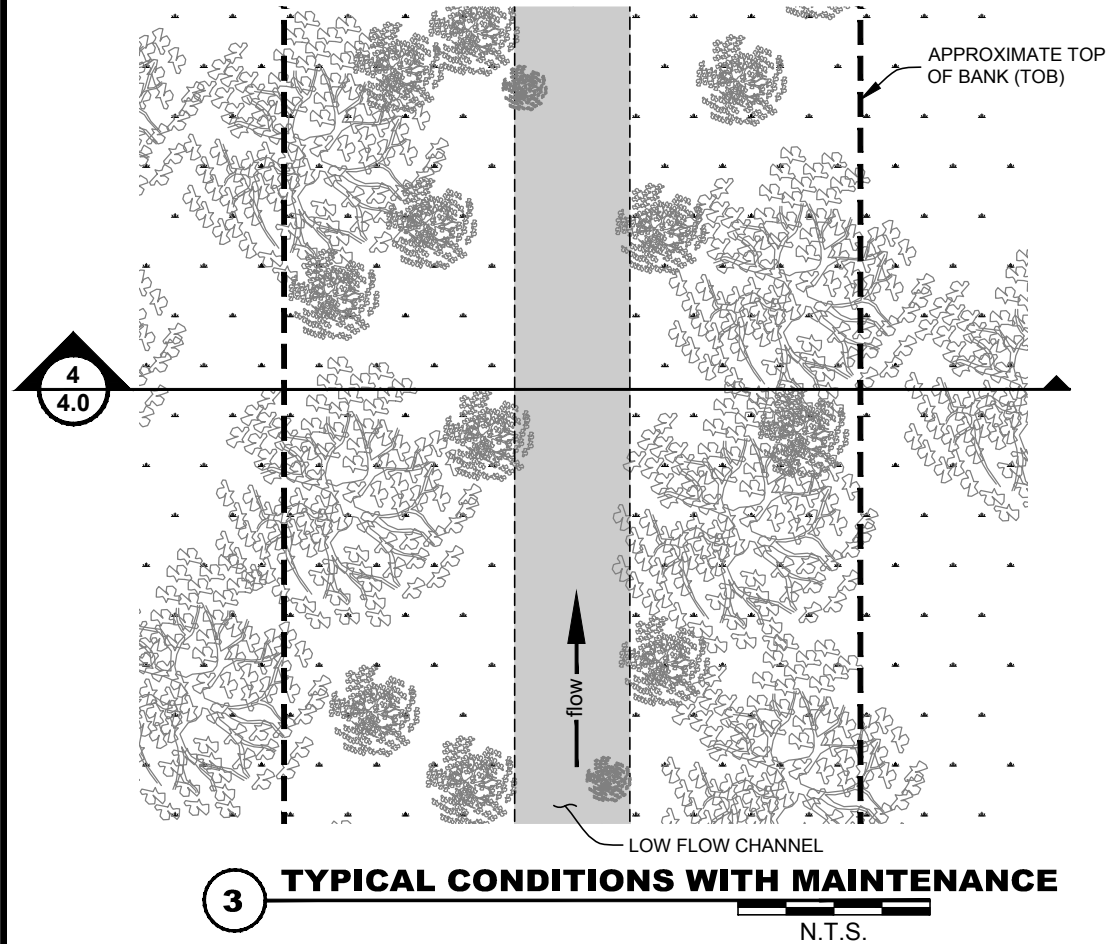
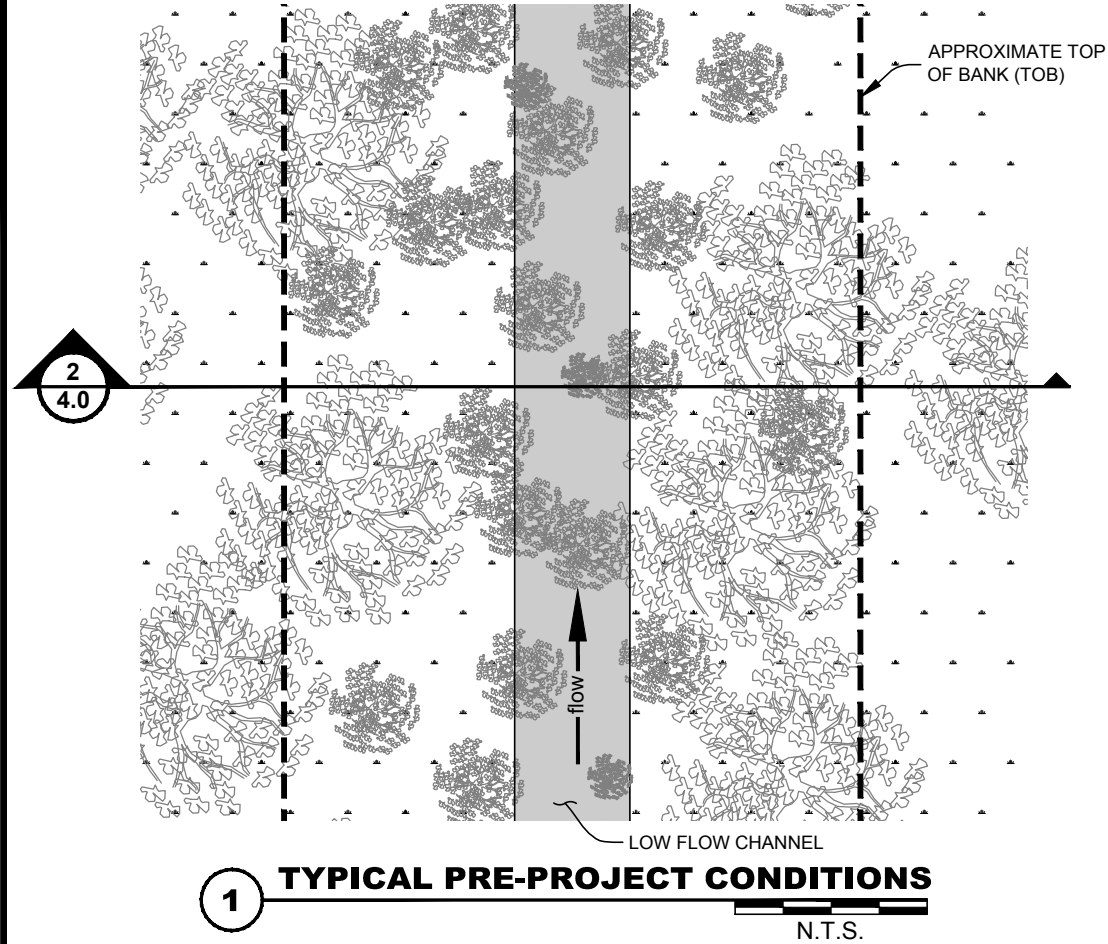
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RYAN CREEK
MAINTENANCE REACHES
CORVALLIS URBAN STREAM MAINTENANCE
CORVALLIS, OR

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DESIGNATED WORK AREA

STREAM NAME:	
BEGIN STA:	
END STA:	

STREAM MAINTENANCE LIMITS

STREAM NAME	REACH STATIONING (FT)	W (FT)	H (FT)
FRASIER CREEK	0+00 TO 25+20	15	5
FRASIER CREEK	25+20 TO 59+00	20	4
FRASIER CREEK	59+00 TO 95+10	12	7
JACKSON CREEK	0+00 TO 22+00	25	3
JACKSON CREEK	22+00 TO 46+90	12	5
JACKSON CREEK	46+90 TO 84+10	5	4
VILLAGE GREEN	0+00 TO 47+45	25	10
SEQUOIA CREEK	0+00 TO 64+70	12	5
SEQUOIA CREEK	64+70 TO 65+55	12	6
SEQUOIA CREEK	65+55 TO 142+30	10	6
DIXON CREEK	0+00 TO 108+10	12	10
DIXON CREEK	108+10 TO 149+20	10	10
DIXON CREEK	149+20 TO 183+60	10	8
DIXON CREEK	183+60 TO 232+60	8	5
OAK CREEK	0+00 TO 86+60	20	10
OAK CREEK	86+60 TO 151+00	15	10
OAK CREEK	151+00 TO 204+40	10	10
DUNAWI - NORTH	0+00 TO 37+20	25	6
DUNAWI - NORTH	37+20 TO 116+00	20	6
DUNAWI	0+00 TO 51+94	15	8
DUNAWI - SOUTH	0+00 TO 53+40	25	8
DUNAWI - SOUTH	53+40 TO 120+10	20	8
DUNAWI - SOUTH	120+10 TO 138+60	15	8
MILL RACE	0+00 TO 11+45	12	10
MILL RACE	11+45 TO 32+30	10	11
MILL RACE	32+30 TO 53+25	10	10
MILL RACE	53+25 TO 58+05	6	7
RYAN CREEK	0+00 TO 5+90	6	6
RYAN CREEK	5+90 TO 27+20	6	6

STREAM MAINTENANCE NOTES

- DESIGNATED WORK AREA.** CONTRACTOR TO REMOVE IN-STREAM OBSTRUCTIONS IN DESIGNATED WORK AREA. LIMITS PER TABLE THIS SHEET AND CONTRACT DOCUMENTS. BEGINNING STATION AND END STATION WILL BE CLEARLY MARKED IN FIELD WITH ORANGE FLAGGING AND LABELED AS LIMITS OF WORK AREA.
- IN-STREAM OBSTRUCTIONS.** IN-STREAM OBSTRUCTIONS FOR REMOVAL INCLUDE TRASH, DEBRIS, VEGETATION SMALLER THAN 6" DIAMETER. ALL TRASH, DEBRIS, AND VEGETATION MUST BE REMOVED FROM THE SITE AND DISPOSED AT A LEGAL DISPOSAL AREA.
- LARGE VEGETATION INSIDE MAINTENANCE LIMITS.** VEGETATION GREATER THAN 6" DIAMETER INSIDE THE MAINTENANCE LIMITS SHALL BE PRESERVED AND PROTECTED, UNLESS INDICATED IN THE CONTRACT DOCUMENTS AND MARKED BY THE CITY FOR REMOVAL. THE CITY WILL MARK ANY LARGE VEGETATION TO BE REMOVED WITH BLUE PAINT.
- TREE ROOTS.** ALL TREE ROOTS SHALL BE PRESERVED AND PROTECTED.
- VEGETATION OUTSIDE MAINTENANCE LIMITS.** VEGETATION OUTSIDE THE MAINTENANCE LIMITS SHALL BE PRESERVED AND PROTECTED, UNLESS INDICATED IN THE CONTRACT DOCUMENTS AND MARKED BY THE CITY FOR REMOVAL. THE CITY WILL MARK ANY VEGETATION TO BE REMOVED THAT IS OUTSIDE THE MAINTENANCE LIMITS WITH BLUE PAINT AND BLUE FLAGGING.
- STREAM ACCESS POINTS.** SPECIFIC ACCESS POINTS TO STREAM CHANNEL WILL BE AS INDICATED IN THE CONTRACT DOCUMENTS.
- STAGING AREAS.** ANY STAGING AREAS FOR STORING REMOVED VEGETATION PRIOR TO DISPOSAL WILL BE AS INDICATED IN THE CONTRACT DOCUMENTS. IF STAGING AREAS ARE NOT SPECIFIED, VEGETATION WILL BE REMOVED FROM THE WORK AREA DAILY. STAGING IS NOT PERMITTED FOR DEBRIS OTHER THAN VEGETATION.

STREAM MAINTENANCE

DETAIL

CORVALLIS URBAN STREAM MAINTENANCE
CORVALLIS, OR

NO.	DATE	BY	DESCRIPTION	CHK
0	7/7/2017	TF	PROPOSAL	CS

PROJECT NUMBER
RDG-17-022

DRAWING NUMBER

4.0

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